IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent of	:	**Attn: Certificate of Correction Branch**
Kazuo YOKOYAMA et al.	:	Attorney Docket No. 2004_2026A
Patent No. 7,654,595	:	**Confirmation No. 4985**
Issued February 2, 2010	:	

MULTI-JOINT DRIVE MECHANISM AND MANUFACTURING METHOD THEREFOR, AND GRASPING HAND AND ROBOT USING THOSE

REQUEST FOR CERTIFICATE OF CORRECTION UNDER 37 CFR 1.322

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the provisions of 37 CFR 1.322, it is respectfully requested that a Certificate of Correction issue to correct the following:

TITLE PAGE

Section (54), Title, "ARTICULATED DRIVING MECHANISM, METHOD OF MANUFACTURING THE MECHANISM, AND HOLDING HAND AND ROBOT USING THE MECHANISM" should read -- MULTI-JOINT DRIVE MECHANISM AND MANUFACTURING METHOD THEREFOR, AND GRASPING HAND AND ROBOT USING THOSE --.

Column 23

Line 26, Claim 11, "antagonistic action of both types." should read --

a flat-plate bone-member layer member in which a plurality of flat plate bone members are arranged in arrays, each of the flat plate bone members having at least one recessed portion, the plurality of bone members being movably coupled at coupling portions, the coupling portions comprising flat plates, and

elastic members which are arranged so as to stretch over the coupling portions on at least one of a contact-surface side of the bone-member layer member that is to make contact with an object and a noncontact-surface side of the bone-member layer member opposed to the contact-surface side, the elastic members being fitted into the recessed portions of adjacent ones of the bone members so as to be fixed to the adjacent ones of the bone members, the elastic members being capable of being elastically expanded and contracted, wherein the multi-joint drive mechanism is operable to drive flexural motions with the coupling portions between adjoining bone members serving as joints by expanding or contracting the elastic members, and the multi-joint drive mechanism has a layer structure in which at least the flat-plate bone-member layer member and the elastic members are arranged in a planar fashion,

and wherein the grasping hand is operable to perform a grasping operation for the object by expanding or contracting the elastic members to drive the finger mechanisms.--

Column 23

Line 48, Claim 16, "information detection device" should read -- antagonistic action of both types.--

Column 24

Line 29, Claim 19, "by the grasping-object" should read -- by the grasping-object information detection device.--

Line 30, Claim 19, cancel the text beginning with "a flat-plate" to and ending "finger mechanisms." in column 24, lines 56-57.

REMARKS

Each of the errors listed above apparently arose due to PTO Mistakes. Accordingly, a Certificate of Correction should issue at no expense to patentees.

Respectfully submitted,

Kazuo YOKOYAMA et al.

/Walter C. Pledger/
2010.06.17 14:25:09 -04'00'

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June 17, 2010

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO	:	7,654,595
DATED	:	February 2, 2010
INVENTOR(S)	:	Kazuo YOKOYAMA et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

TITLE PAGE

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elastic members which are arranged so as to stretch over the coupling portions on at least one of a contact-surface side of the bone-member layer member that is to make contact with an object and a noncontact-surface side of the bone-member layer member opposed to the contact-surface side, the elastic members being fitted into the recessed portions of adjacent ones of the bone members so as to be fixed to the adjacent ones of the bone members, the elastic members being capable of being elastically expanded and contracted, wherein the multi-joint

drive mechanism is operable to drive flexural motions with the coupling portions between adjoining bone members serving as joints by expanding or contracting the elastic members, and the multi-joint drive mechanism has a layer structure in which at least the flat-plate bone-member layer member and the elastic members are arranged in a planar fashion,

and wherein the grasping hand is operable to perform a grasping operation for the object by expanding or contracting the elastic members to drive the finger mechanisms.--

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